

SEQUENCE LISTING

<110> Meiji Milk Products Co., LTD

<120> High level secretory expression system of intact MK family protein

<130> M1-104PCT

<140>

<141>

<150> JP 1998-236621

<151> 1998-08-10

<150> JP 1998-84583

<151> 1999-03-26

<160> 9

<170> Patent In Ver.2.0

<210> 1

<211> 562

<212> DNA

<213> Human

<400> 1

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gcctgggggc cctgcacccc cagcagcaag gattgcggcg tgggtttccg cgagggcacc 180

tgcggggccc agaccagcg catccggtgc aggtgccc gcaactggaa gaaggagttt 240
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 aaagtccgcc aaggcaccct gaagaaggcg cgtacaatg ctcagtgccg ggagaccatc 360
 cgcgtacca agcctgcac cccaagacc aaagcaaagg ccaaagccaa gaaaggaag 420
 ggaaaggact agacccaag cctggatgcc aaggagcccc tgggtgcaca tggggcctgg 480
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<212> PRT

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 35 40 45
 Ser Lys Asp Cys Gly Val Gly Phe Arg Glu Gly Thr Cys Gly Ala Gln
 50 55 60
 Thr Gln Arg Ile Arg Cys Arg Val Pro Cys Asn Trp Lys Lys Glu Phe
 65 70 75 80
 Gly Ala Asp Cys Lys Tyr Lys Phe Glu Asn Trp Gly Ala Cys Asp Gly
 85 90 95
 Gly Thr Gly Thr Lys Val Arg Gln Gly Thr Leu Lys Lys Ala Arg Tyr
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 Asn Ala Gln Cys Gln Glu Thr Ile Arg Val Thr Lys Pro Cys Thr Pro
 115 120 125
 Lys Thr Lys Ala Lys Ala Lys Ala Lys Lys Gly Lys Gly Lys Asp
 130 135 140

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<211> 48
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 aaagtgaaga agtctgactg tggagaatgg cagtggagtg tgtgtgtgcc caccagtgga 180
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Gly Lys Lys Glu Lys Pro Glu Lys Lys Val Lys Lys Ser Asp Cys Gly
35 40 45
Glu Trp Gln Trp Ser Val Cys Val Pro Thr Ser Gly Asp Cys Gly Leu
50 55 60
Gly Thr Arg Glu Gly Thr Arg Thr Gly Ala Glu Cys Lys Gln Thr Met
65 70 75 80
Lys Thr Gln Arg Cys Lys Ile Pro Cys Asn Trp Lys Lys Gln Phe Gly
85 90 95
Ala Glu Cys Lys Tyr Gln Phe Gln Ala Trp Gly Glu Cys Asp Leu Asn
100 105 110
Thr Ala Leu Lys Thr Arg Thr Gly Ser Leu Lys Arg Ala Leu His Asn
115 120 125
Ala Glu Cys Gln Lys Thr Val Thr Ile Ser Lys Pro Cys Gly Lys Leu
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Thr Lys Pro Lys Pro Gln Ala Glu Ser Lys Lys Lys Lys Lys Glu Gly
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Lys Lys Gln Glu Lys Met Leu Asp
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<400> 8

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<211> 42

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